

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
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                        )  
                        Bernard D. Aboba et al. )  
                        )  
Serial No.: Not Yet Assigned )  
                        )  
Filed: December 12, 2003 )  
                        )  
For: SECURE ASSOCIATION AND MANAGEMENT )  
                        )  
                        FRAME VERIFICATION )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of

which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

Since all listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

DATED this 12<sup>th</sup> day of December 2003.

Respectfully submitted,



RICK D. NYDEGGER  
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Attorneys for Applicant

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Applicant: Bernard D. Aboba et al.  
 Serial No.: Not Yet Assigned  
 Filing Date: December 12, 2003  
 For: SECURE ASSOCIATION AND MANAGEMENT FRAME  
 VERIFICATION

Att'y Docket No.: 13768.432.1

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
____ 1	6,134,658	10/17/00	Multerer et al.
____ 2	6,230,269	05/08/01	Spies et al.
____ 3	6,385,724	05/07/02	Beckman et al.
____ 4	6,604,198	08/05/03	Beckman et al.
____ 5	6,609,199	08/19/03	DeTreville

Other Documents

(including author, title, pertinent pages, etc.)

Examiner Initial\*

- \_\_\_\_ 6 Aboba, B. et al., "DRAFT AMENDMENT TO STANDARD FOR TELECOMMUNICATIONS AND INFORMATION EXCHANGE BETWEEN SYSTEMS – LAN/MAN SPECIFIC REQUIREMENTS", IEEE Standards Department, October 2003.
- \_\_\_\_ 7 Davies, Joseph, "DEPLOYING SECURE 802.11 WIRELESS NETWORKS WITH MICROSOFT WINDOWS", Microsoft Press, 2003.
- \_\_\_\_ 8 Cappiello, M. et al., "MOBILITY AMONGST HETEROGENOUS NETWORKS WITH AAA SUPPORT", pp. 2064-2069, 2002 IEEE International Conference on Communications Proceedings, May 2002.

Examiner:

Date Considered:

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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\_\_\_\_ 9 Cheng, Yi and A. Norefors, "TOKEN BASED AUTHENTICATION FOR HANDOVER SECURITY", pp. 231-243, IFIP TC6/TC11 Joint Working Conference on Communications and Multimedia Security, September 1999.

\_\_\_\_ 10 Halasz, D. et al., "PRE-AUTHENTICATION WITH 802.1X", pp. 1-6, IEEE 802.11-01/258r0, March 2002.

\_\_\_\_ 11 Henning, R.R., "VULNERABILITY ASSESSMENT IN WIRELESS NETWORKS", pp. 358-362, 2003 Symposium on Applications and the Internet, January 2003.

\_\_\_\_ 12 Li, J. et al., "PUBLIC ACCESS MOBILITY LAN: Extending the Wireless Internet into the LAN Environment", pp. 22-30, IEEE Wireless Communications, Vol. 9, No. 3, June 2002.

\_\_\_\_ 13 Loutrel, M. and Boukhatem M., "AN EAP-BT SMARTCARD FOR AUTHENTICATION IN THE NEXT GENERATION OF WIRELESS COMMUNICATIONS", pp. 103-114, Network Control and Engineering for QoS, Security and Mobility, October 2002.

\_\_\_\_ 14 McMahon, M. et al., "PROPOSED STRUCTURE OF A NETWORK SECURITY SYSTEM USING DYNAMIC AUTHENTICATION", pp. 183-189, Proceedings of the ISCA 14<sup>th</sup> International Conference, August 2001.

\_\_\_\_ 15 Pack, S. et al., "PRE-AUTHENTICATED FAST HANDOFF IN A PUBLIC WIRELESS LAN BASED ON IEEE 802.1x MODEL", pp. 1-8, [http://mmlab.snu.ac.kr/research/publication/docs/pwc2002\\_shpack.pdf](http://mmlab.snu.ac.kr/research/publication/docs/pwc2002_shpack.pdf), October 2003.

\_\_\_\_ 16 Takubo, A., et al. "SECURITY SIMULATOR IN MOBILE COMPUTING ENVIRONMENT", pp. 89-94, Twelfth International Conference on Information Networking, January 1998.

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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VERIFICATION

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**References Cited by Applicants**

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

Date Considered:

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
13768.432.1

In Re Application Of: **Bernard D. Aboba et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
Not Yet Assigned	December 12, 2003	Not Yet Assigned	Not Yet Assigned

Title: **SECURE ASSOCIATION AND MANAGEMENT FRAME VERIFICATION**

Address to:  
**Commissioner for Patents**  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
  - the statement specified in 37 CFR 1.97(e);
  - OR**
  - the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
13768.432.1

In Re Application: **Bernard D. Aboba et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
Not Yet Assigned	December 12, 2003	Not Yet Assigned	Not Yet Assigned

**SECURE ASSOCIATION AND MANAGEMENT FRAME VERIFICATION**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of \_\_\_\_\_ is attached.

The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.

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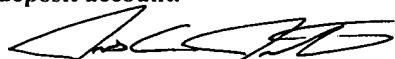
**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Certificate*

\*This certificate may only be used if paying by deposit account.

  
*Signature*

Dated: December 12, 2003

Jens C. Jenkins

Attorney for Applicant  
Registration No. 44,803

**022913**

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CUSTOMER NO.

CC: